

Double confocal scanning microscope

Abstract of Disclosure

The present invention concerns a double confocal scanning microscope having an illuminating beam path (1) of a light source (2) and a detection beam path (3) of a detector (4), and in order to eliminate at their cause the problems of reconstruction methods. To do so, at least one optical component (24, 25) acting on the illuminating and/or detection beam path (1, 3) is provided, and is configured in such a way that it influences the amplitude and/or phase and/or polarization of the light; and the characteristics of the double confocal illumination and/or detection are thereby modifiable.

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